

| FW

P1500D1R.D1

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Youichi Imamura

Group Art Unit: 2675

Serial No.: 10/677,165

Examiner: Not Yet Assigned

Filed: October 1, 2003

Title: DISPLAY AND DISPLAY DRIVER WITH ON/OFF POWER CONTROLLER  
USED TO PREVENT DAMAGE TO THE DISPLAY

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and the documents attached hereto, are, on this date, being deposited with the United States Postal Service with sufficient postage as "First Class" mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 23, 2005

*[Signature]*  
Ann F. George

## SECOND REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above-identified patent application, errors have been noted in the filing receipt with respect to the following data:

Domestic Priority data as claimed by applicant:

Please insert --DIV of 09/854,349 05/11/2001, which is a-- after "This application is a".

**(Please see Exhibit A1 and A2)**

Please insert --which is a 371 of PCT/JP91/00785 06/11/1991-- after "ABN".

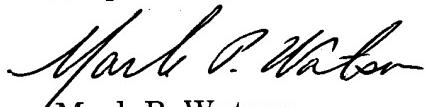
**(Please see Exhibit B)**Foreign Applications:

Please add --JAPAN 159416/90 06/18/1990--

**(Please see Exhibit C)**

Applicant(s) respectfully requests that a corrected filing receipt be issued and a correction be made of record in the application.

Respectfully submitted,



Mark P. Watson  
Registration No. 31,448

Please address all correspondence to:  
Epson Research and Development, Inc.  
Intellectual Property Department  
150 River Oaks Parkway, Suite 225  
San Jose, CA 95134  
Customer No. 20178  
Phone: (408) 952-6000  
Facsimile: (408) 954-9058

Date: March 23, 2005



(MPW)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/677,165	10/01/2003	2675	900	P1500D1R.D1	9	18	3

CONFIRMATION NO. 7833

UPDATED FILING RECEIPT

\*OC000000015480258\*

\*OC000000015480258\*

20178  
EPSON RESEARCH AND DEVELOPMENT INC  
INTELLECTUAL PROPERTY DEPT  
150 RIVER OAKS PARKWAY, SUITE 225  
SAN JOSE, CA 95134

Date Mailed: 03/16/2005

Receipt is acknowledged of this reissue Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Youichi Imamura, Suwa-shi, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 20178.

Domestic Priority data as claimed by applicant

This application is a REI of 08/582,771 01/02/1996 PAT 5,903,260

which is a DIV of 08/267,103 06/23/1994 PAT 5,563,624

which is a CON of 07/834,295 04/09/1992 ABN, which is a 371 of PCT /JP91/00785

06/11/1991

Foreign Applications

JAPAN 159416/90 06/18/1990

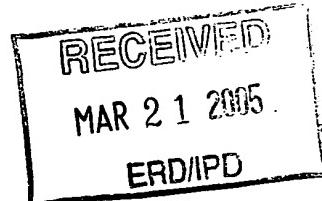
If Required, Foreign Filing License Granted: 03/16/2005

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/677,165**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No



**Title**

Display and display driver with on/off power controller used to prevent damage to the display

**Preliminary Class**

345

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

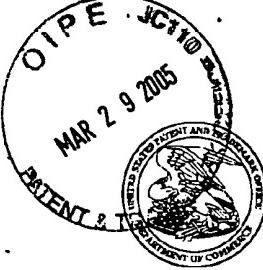
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/677,165	10/01/2003	Youichi Imamura	P1500D1R.D1

20178  
EPSON RESEARCH AND DEVELOPMENT INC  
INTELLECTUAL PROPERTY DEPT  
150 RIVER OAKS PARKWAY, SUITE 225  
SAN JOSE, CA 95134

CONFIRMATION NO. 7833

\*OC000000015479346\*

\*OC000000015479346\*



Date Mailed: 03/16/2005

### Notice Regarding Benefit/Priority Claim(s)

**Improper Benefit Claim(s) to Prior-Filed Nonprovisional Application(s)**

The benefit claim(s) to prior-filed nonprovisional application(s) is improper because there is no specific reference for each prior-filed application that includes: (1) the identification of the prior-filed application by application number, or international application number and international filing date; and (2) a clear indication the relationship (i.e., continuation, divisional, or continuation-in-part) of the nonprovisional applications. For example, applicant should amend the specification to include a specific reference, such as "This application is a continuation of Application No. 10/---,--- filed ---" in the first sentence of the specification following the title.

Applicant should review each benefit claim submitted and, if appropriate, provide the proper reference to the prior-filed application(s) as required by 37 CFR 1.78. A proper relationship includes an identification of each nonprovisional application as a continuation, divisional or continuation-in-part application of the immediate prior-filed nonprovisional application for which a benefit is claimed under 37 CFR 1.78 in order to establish copendency throughout the entire chain of prior-filed applications. The specific reference must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for each benefit claim must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed. See 37 CFR 1.78(a).

**Improper Benefit Claim(s) to Prior-Filed Nonprovisional Application(s)**

The benefit claim(s) to prior-filed provisional application(s) is improper because the instant application was not filed within twelve (12) months from the filing date of the provisional application,

and there is no indication of an intermediate nonprovisional application that is directly claiming the benefit of the provisional application and filed within 12 months of the filing date of the provisional application. For example, applicant should amend the specification to include a specific reference, such as "This application is a continuation of Application No. 10/---,--- filed ---, which claims the benefit of U.S. Provisional Application No. 60/---,--- filed---." in the first sentence of the specification following the title.

Applicant should review each benefit claim submitted and, if appropriate, provide the proper reference to the prior-filed applications (including an indication of any intermediate nonprovisional application that is directly claiming the benefit of the provisional application and filed with 12 months of the filing date of the provisional application) as required by 37 CFR 1.78. The required reference must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for each benefit claim must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed during the pendency of the instant application.

**Improper Priority Claim(s) to Prior-Filed Foreign Application(s)**

The instant application was not filed within twelve (12) months from the filing date of the prior-filed foreign application, and there is no benefit claim to an intermediate nonprovisional application filed within 12 months of the filing date of the foreign application. Applicant should review each priority claim submitted and, if appropriate, provide the proper reference to any intermediate nonprovisional application filed within 12 months of the filing date of the foreign application in compliance with 37 CFR 1.78, or delete the priority claim. The required reference to an intermediate nonprovisional application must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for the benefit claim to an intermediate nonprovisional application must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed.

**Benefit Claims to More Than 400 Prior-Filed Applications**

The Office's automated system to record and capture benefit claims is only capable of recording benefit claims for 400 prior-filed applications. Therefore, the Office is unable to generate a filing receipt containing benefit claims for more than 400 prior-filed applications even though applicant is entitled to submit benefit claims for more than 400 prior-filed applications. Accordingly, applicant should not request a corrected filing receipt to include benefit claims for more than 400 prior-filed applications.



**Prior-Filed Nonprovisional Application has been Improperly Indicated as a National Stage (35**

**U.S.C. 371) Application**

Applicant submitted a benefit claim to a prior-filed nonprovisional application and improperly indicated that the prior-filed application is a national stage application under 35 U.S.C. 371. The Office's records show that the prior-filed application is an application filed under 35 U.S.C. 111(a). The Office has entered the benefit claim to the prior-filed application as a benefit claim to an application filed under 35 U.S.C. 111(a). Any request for a corrected filing receipt to include the indication that the prior-filed application is a national stage application will not be granted unless applicant supplies evidence that the prior application was in fact a national stage application. Accordingly, applicant should not submit such request without such evidence. Applicant should submit an amendment (or an application data sheet (ADS) if the benefit claim was submitted in an ADS) to delete the indication that the prior-filed application is a national stage application.

For more information and examples on benefit claims, please see Claiming the Benefit of a Prior-Filed Application under 35 U.S.C. 119(e), 120, 121, and 365(c), 1268 Off. Gaz. Pat. Office 89 (March 18, 2003), which is available on the USPTO website at <http://www.uspto.gov/web/offices/com/sol/og/2003/week11/patbene.htm>, and the Manual of Patent Examining Procedure (MPEP) §§ 201.11 and 201.14.

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**

**IN THE SPECIFICATION:**

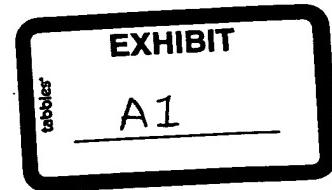
In column 1, please amend the Title as follows:

[FLAT PANEL DEVICE AND] DISPLAY AND DISPLAY DRIVER WITH ON/OFF POWER CONTROLLER USED TO PREVENT DAMAGE TO THE [LCD] DISPLAY

In column 1, after the title, please insert the following paragraph:

Statement of Related Applications

This application is a divisional reissue application of Serial No. 09/854,349, filed May 11, 2001, which is a reissue application of U.S. Patent No. 5,903,260.



## INVENTOR INFORMATION

Inventor One Given Name:: Youichi  
Family Name:: Imamura  
Postal Address Line One:: 3-5, Owa 3-chome  
City:: Suwa-shi  
State or Province:: Nagano-ken  
Country:: Japan  
Postal or Zip Code:: 392-8502  
Citizenship Country:: Japan

## CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 20178  
Telephone:: (408) 952-6000  
Fax:: (408) 954-9058  
E-Mail:: ipd@erd.epson.com

## APPLICATION INFORMATION

Title Line One:: Display And Display Driver  
Title Line Two:: With On/Off Power Controller  
Title Line Three:: Used To Prevent Damage To The  
Title Line Four:: Display  
Total Drawing Sheets:: 9  
Formal Drawings?:: Yes  
Application Type:: Utility  
Docket Number:: P1500D1R.D1  
Secrecy Order in Parent Appl.?:: No

## REPRESENTATIVE INFORMATION

Representative Customer Number:: 20178

## CONTINUITY INFORMATION

This application is a:: Continuing Reissue of  
>Application One:: 09/854,349  
Filing Date:: May 11, 2001

EXHIBIT

A2

P150006

<p>GREGORY D. OGROD S-MOS SYSTEMS, INC. 2460 NORTH FIRST STREET SAN JOSE, CA 95131-1002</p> <p><i>RECEIVED JUL - 8 1992 C-LEGAL C</i></p>		<p>UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)</p> <p>NOTIFICATION OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495</p> <p>Date of Mailing <b>25 JUN 1992</b></p> <p>File Reference</p>			
<p><b>IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b></p> <table border="1"> <tr> <td>International application Number <u>PCT/JP91/00785</u></td> <td>International filing date <u>11 JUNE 1991</u></td> <td>Priority date claimed <u>18 JUNE 1990</u></td> </tr> </table>			International application Number <u>PCT/JP91/00785</u>	International filing date <u>11 JUNE 1991</u>	Priority date claimed <u>18 JUNE 1990</u>
International application Number <u>PCT/JP91/00785</u>	International filing date <u>11 JUNE 1991</u>	Priority date claimed <u>18 JUNE 1990</u>			
<p>Applicant for DO/EO/US YOUICHI IMAMURAL</p>					
<p><b>NOTIFICATION</b></p> <p>The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a <input checked="" type="checkbox"/> Designated Office, <input type="checkbox"/> Elected Office, has determined that the above identified international application has met the requirements of 35 U.S.C. 371 and 37 CFR <input checked="" type="checkbox"/> 1.494, <input type="checkbox"/> 1.495 and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.</p>					
<p>The United States Serial Number assigned to the application and the relevant dates are:  <u>07/834,295</u>   <u>09 April 92</u>   <u>09 April 92</u>  U.S.NATIONAL SERIAL NO.   35 U.S.C. 102(e) DATE   DATE OF RECEIPT   35 U.S.C.  371 REQUIREMENTS</p>					
<p><input type="checkbox"/> A request for immediate examination under 35 U.S.C. 371(f) was received on _____ and the application will be examined in turn.</p> <p><input checked="" type="checkbox"/> No request for immediate examination under 35 U.S.C. 371(f) was received. The application will not be processed or examined before the time limit set forth in either <input checked="" type="checkbox"/> PCT Article 23 (Chapter I of the PCT), or <input type="checkbox"/> PCT Article 40 (Chapter II of the PCT) whichever is applicable.</p>					
<p><b>EXHIBIT</b></p> <p style="text-align: center;"><i>B</i></p>					
<p>UNITED STATES DESIGNATED/ ELECTED OFFICE</p> <table border="1"> <tr> <td>ADDRESS ONLY: COMMISSIONER OF PATENTS AND TRADEMARKS Box PCT, Attn. DO/EO/US Washington, D.C. 20231</td> <td>AUTHORIZED OFFICER <i>REGINA WHITE</i> REGINA WHITE INTERNATIONAL DIVISION</td> </tr> </table>			ADDRESS ONLY: COMMISSIONER OF PATENTS AND TRADEMARKS Box PCT, Attn. DO/EO/US Washington, D.C. 20231	AUTHORIZED OFFICER <i>REGINA WHITE</i> REGINA WHITE INTERNATIONAL DIVISION	
ADDRESS ONLY: COMMISSIONER OF PATENTS AND TRADEMARKS Box PCT, Attn. DO/EO/US Washington, D.C. 20231	AUTHORIZED OFFICER <i>REGINA WHITE</i> REGINA WHITE INTERNATIONAL DIVISION				

Patent Number:: 5,903,260

which is a:: Division of  
>>Application Two:: 08/267,103

Filing Date:: June 23, 1994

Patent Number:: 5,563,624

and which is a:: Continuation of  
>>Application Three:: 07/834,295

Filing Date:: April 9, 1992

and which is a:: the National Stage of  
>>Application Four:: PCT/JP91/00785

Filing Date:: June 11, 1991

PRIOR FOREIGN APPLICATION

Foreign Application One:: 159416/90  
Filing Date:: June 18, 1990  
Country:: Japan  
Priority Claimed:: Yes

